

**Missouri Department of Health and Senior Services**

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**Margaret T. Donnelly**  
Director



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Governor

September 22, 2009

## ***IMPORTANT NEWBORN SCREENING ANNOUNCEMENT***

In response to changes in the new PerkinElmer Congenital Adrenal Hyperplasia (CAH) test kit, 17 – hydroxyprogesterone (17-OHP) cutoff values have been reevaluated for CAH reporting. These cutoff values become effective **October 5, 2009** (see below).

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### **NEW CAH CUTOFF VALUES**

<b><u>Birth Weight</u></b>	<b><u>High Risk</u></b>	<b><u>Borderline Risk</u></b>
<b><math>\geq 2500</math> grams</b>	<b><math>\geq 75</math> ng/ml</b>	<b>30 - 74 ng/ml</b>
<b>1500 – 2499 grams</b>	<b><math>\geq 75</math> ng/ml</b>	<b>45 - 74 ng/ml</b>
<b><math>&lt; 1500</math> grams</b>	<b><math>\geq 155</math> ng/ml</b>	<b>90 - 154 ng/ml</b>

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### **OLD CAH CUTOFF VALUES**

<b><u>Birth Weight</u></b>	<b><u>High Risk</u></b>	<b><u>Borderline Risk</u></b>
<b><math>\geq 2250</math> grams</b>	<b><math>\geq 100</math> ng/ml</b>	<b>65 – 99 ng/ml</b>
<b>1750 – 2249 grams</b>	<b><math>\geq 135</math> ng/ml</b>	<b>80 – 134 ng/ml</b>
<b>1250 – 1749 grams</b>	<b><math>\geq 150</math> ng/ml</b>	<b>115 – 149 ng/ml</b>
<b><math>&lt; 1250</math> grams</b>	<b><math>\geq 250</math> ng/ml</b>	<b>150 – 249 ng/ml</b>

**If you have questions or comments, please contact:**

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